

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Adam Mermel et al.)
Serial No.: Not yet assigned) Examiner: Not yet assigned
Filed: December 28, 2001)
For: SYSTEM AND PROCESS FOR) Art Unit: Not yet assigned
VOICE OVER IP NETWORKS)
)
)

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December 28, 2001

“Express Mail” Mailing-Label Number: EL 705608914 US

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please add the following claims to the application being filed herewith.

Claim 3. The method as defined in claim 1 further comprising the steps of:

determining least cost routing, percent allocation, time of day, day of the week,
predefined priorities and conditional re-direct information.

Claim 4. The method as defined in claim 1 further comprising the step of routing the call with respect to the predefined business rules of the user.

Claim 5. The method as defined in claim 1 further comprising the steps of allocating a plurality of gateways to a gatekeeper.

Claim 6. The method as defined in claim 1 further comprising the step of determining the availability of the user's agents.

Claim 7. The apparatus as defined in claim 2 further comprising means for determining least cost routing, percent allocation, time of day, day of the week, predefined priorities and conditional re-direct information.

Claim 8. The apparatus as defined in claim 2 further comprising means for routing the call with respect to the predefined business rules of the user.

Claim 9. The apparatus as defined in claim 2 further comprising means for allocating a plurality of gateways to a gatekeeper.

Claim 10. The apparatus as defined in claim 2 further comprising means for determining the availability of the user's agents.

Claim 11. A computer system including processors, electronic memories, and interface electronics, all of which may be programmable, where the interface electronics includes gateways, gatekeepers, network managers, and network interfaces to digital packetized communication networks and to public system telephone networks, the computer system constructed and arranged for deploying a public switched telephone network intelligent call routing engine in the management of voice calls on a digital packetized communications network employing an Internet protocol comprising:

a digitizer for digitizing and packetizing voice call messages containing control messages and data, wherein call control messages include call control operations and parameters,

means for intercepting call control messages,

a manager for directing the call control messages to a communications network applications manager,

a first mapper for mapping call control operations and parameters to public switched telephone network intelligent call routing engine call operations and parameters,

means for resolving destination and endpoints from the mapped call control operations and parameters,

a user defined script that when executed further resolves destination and endpoints, and

a second mapper for re-mapping public switched telephone network intelligent call routing engine operations and parameters to the resolved destination and endpoints.

Respectfully submitted,

A handwritten signature in cursive script, reading "Edwin H. Paul", is written over a horizontal line.

Edwin H. Paul
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